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Summary

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Number of contacts High Voltage	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.20 - 5.20 mm
Size	1Y
Suggested matching part	FFA.1Y.410.CLAC52
Series	Y - High Voltage Unipole

https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/psa-1y-410-clac52.html

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Technical details

Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	1Y.410 - 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Test voltage (kV DC)	15
Creepage distance	24.5 mm

Form & Material

Shell style / Model id	PSA - Fixed receptacle with cable collet, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular
Colour	Grey
Weight	43.58 g

Environment

Technical domain	Specialties and Other
Environmental sealing (IP rating)	IP50
Salt Spray Corrosion	>1000 hr

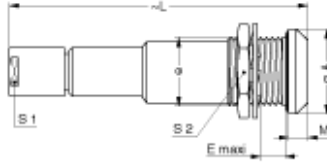
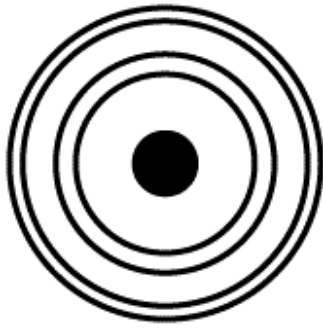
Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.20 - 5.20 mm

Drawings

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Dimensions

	A	e	L	S1	S2
mm.	20	M16x1.0	81	9	19
in.	0.79		3.19	0.35	0.75